

REPRINT

Work Order ID 105577

March-31-14 11:41:52 AM

105577

Page 1

Item ID: D206-558-041

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Single Mirror Installation

Start Date: 8/08/13 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 8/08/13 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: U Date: _____

Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____

SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D206-558	Rev C								

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and type labels as per PPP D206-558-041 DSI 9436 CHG009

DAS
31
9-89

14-04-4

110

0.00

110

Small Fab

Small Fab

Memo

0.00

Small Fab

Assemble as per Dwg D206-558
PAGE 10 IN BLUE FILE

DAS
27
9-89

14/3/31

120

0.00

120

QC5- Inspect part completeness to step on W/O

QC

Memo

0.00

Quality Control

DAS
36
9-89

1x

14/6/31

Work Order ID 105577

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Page 2

Item ID: D206-558-041
Revision ID:
Item Name: Single Mirror Installation

Accept

N900040100

Setup Start ***NS1***
Stop ***NS2***

Start Date: 8/08/13 Start Qty: 1.00 ***1***
Required Date: 8/08/13 Req'd Qty: 1.00 ***1***

Cust Item ID:
Customer:

Reference:

Approvals: Process Plan: _____ Date: _____
QC: _____ Date: _____

Tooling: _____ Date: _____
SPC (Y/N): _____ Date: _____

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
125	Pick Kit	0.00							
125									
Packaging	Memo	0.00				18		14-4-1	DAS 26 9-89
Packaging									
130	QC4- 100% Inspect kits for completeness	0.00					1		
130									
QC	Memo	0.00							DAS 31 9-89
Quality Control									
140	Packaging	0.00							
140									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-558-041 DSI 9436								
	Location: <u>011A</u>								
	PPP Rev: _____								

DAS
31
9-89

14-04-4

APR 04 2014

2

Work Order ID 105577

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Page 3

Item ID: D206-558-041

Revision ID:

Item Name: Single Mirror Installation

Start Date: 8/08/13 Start Qty: 1.00 *1*

Required Date: 8/08/13 Req'd Qty: 1.00 *1*

Reference:

Accept

N900040100Setup Start ***NS1***Stop ***NS2***

Cust Item ID:

Customer:

Approvals: Process Plan: _____ Date: _____

QC: _____ Date: _____

Tooling: _____ Date: _____

SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***Sequence ID/
Work Center ID

150

150

QC

Quality Control

Operation
Description

QC21- Final Inspection - Work Order Release

Memo


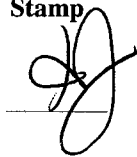
Set Up/
Run Hours

0.00

0.00

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp14/4/9  14-04-07

Picklist Print

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Page 1

Work Order ID: 105577

105577

Parent Item: D206-558-041

D206-558-041

Parent Item Name: Single Mirror Installation

Start Date: 8/08/13

Required Date: 8/08/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP F02.09.19Re-format; Incorporated D2065KJ
 IPP Rev:G 08-05-14 now @ chg006/ add D3778-1 per ECN1171 DD
 verified:ec
 IPP Rev:H 08-08-19 now @ chg 007 DD verified by:ec IPP Rev:I
 10.03.17 add pick kit DD verified by:JLM IPP REV:J 11.01.19 AS
 PER CHG009 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-4A		Purchased	No			125	Each	328.0000	4	4			DAS 26 9-89
AN3-4A													
Bolt													

DAS
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Location	Loc Qty	Loc Code
ST350	200	
m128429	100	
m128634	100	
ST511	128	
m127044	128	

AN526-1032R9 Purchased No

AN526-1032R9

Screw

DAS
31
9-89

Location	Loc Qty	Loc Code
ST345	100	
M127363	100	
ST346	22	
M126105	22	

AN960JD10 NAS1149D0363J Purchased No

AN960JD10

WASHER

AN960JD10L NAS1149D0332J Purchased No

AN960JD10L

Washer

DAS
31
9-89

110 Each 0.0000 4 4

125 Each 0.0000 6 6

**

**

DAS
36
9-89

DAS
26
9-89

14/03/31
 M128606 4-4-1

Picklist Print

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Page 2

Work Order ID: 105577

105577

Parent Item: D206-558-041

D206-558-041

Parent Item Name: Single Mirror Installation

Start Date: 8/08/13

Required Date: 8/08/13

Start Qty: 1.00

Required Qty: 1.00

D2011-101

Manufactured No

D2011-101

Mirror 6"

110

Each

43.0000

1

1

**

DAS
36
9-89

14/03/31

Location

Loc Qty

Loc Code

FG

2

106348

2

ST179

41

110655

16

113569

25

D2052

Manufactured No

D2052

Bracket

110

Each

59.0000

2

2

**

DAS
36
9-89

14/03/31

Location

Loc Qty

Loc Code

GA

59

101643

22

108808

37

D2053

Manufactured No

D2053

Bracket

125

Each

44.0000

1

1

**

DAS
26
9-89

14-4-1

Location

Loc Qty

Loc Code

ST004

44

101704

27

108842

16

89271

1

DAS
31
9-89

14

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Shop Packet Print

Page 2

Picklist Print

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Page 3

Work Order ID: 105577

105577

Parent Item: D206-558-041

D206-558-041

Parent Item Name: Single Mirror Installation

Start Date: 8/08/13

Required Date: 8/08/13

Start Qty: 1.00

Required Qty: 1.00

D2054

Manufactured No

D2054

Bushing - Delrin

110 Each

78.0000

2 2

**

14/03/31

DAS
36
9-89

Location

Loc Qty

Loc Code

GA

78

104846

30

109091

47

97113

1

D2055

Manufactured No

D2055

Clamp

110 Each

50.0000

1 1

**

14/03/31

DAS
36
9-89

Location

Loc Qty

Loc Code

GA

50

105553

10

105730

20

92691

7

95397

8

98395

5

D2056

Manufactured No

D2056

Bell Crank Assembly

110 Each

28.0000

1 1

**

14/03/31

DAS
36
9-89

Location

Loc Qty

Loc Code

GA

28

109921

20

97798

8

D2057

Manufactured No

D2057

Plug

110 Each

78.0000

1 1

**

14/03/31

DAS
36
9-89

Location

Loc Qty

Loc Code

ST004

78

105455

38

112928

40

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Shop Packet Print

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Picklist Print

March-31-14 11:41:51 AM

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Work Order ID: 105577

105577

Parent Item: D206-558-041

D206-558-041

Parent Item Name: Single Mirror Installation

Start Date: 8/08/13

Required Date: 8/08/13

Start Qty: 1.00

Required Qty: 1.00

D2065 Manufactured No

D2065

Mirror Arm

110

Each

3.0000

1

1

**

14/03/31

DAS
36
9-89

Location

Loc Qty

Loc Code

ST

1

91605

1

ST227

2

112955

2

D2067

Manufactured No

D2067

Connector

125

Each

74.0000

1

1

**

DAS
26
9-89

Location

Loc Qty

Loc Code

ST004

74

105444

51

98270

23

D2071

Manufactured No

D2071

Cable Assembly -32"

125

Each

21.0000

1

1

**

DAS
26
9-89

Location

Loc Qty

Loc Code

FG

1

71206

1

ST222

20

94638

10

95829

10

DAS
31
9-89

D3778-1

Manufactured No

D3778-1

Bracket

125

Each

14.0000

1

1

**

14-4-1

DAS
26
9-89

Location

Loc Qty

Loc Code

ST228

14

104872

8

71205

6

DAS
31
9-89

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Shop Packet Print

Page 4

Picklist Print

March-31-14 11:41:51 AM

Page 5

Work Order ID: 105577

105577

Parent Item: D206-558-041

D206-558-041

Parent Item Name: Single Mirror Installation

Start Date: 8/08/13

Required Date: 8/08/13

Start Qty: 1.00

Required Qty: 1.00

MS21042L3 Purchased No

MS21042L3

Nut

110

Each

3,482.000

2

2

**

14/03/31

DAS 36 9-89

Location

Loc Qty

Loc Code

ST314

2527

M127410

1486

M127831

41

M128401

1000

ST506

955

123900

955

MS21042L3 Purchased No

MS21042L3

Nut

125

Each

3,482.000

1

1

**

M126333 (2x)

DAS 26 9-89

Location

Loc Qty

Loc Code

ST314

2527

M127410

1486

M127831

41

M128401

1000

ST506

955

123900

955

MS21919-DG5 Purchased No

MS21919-DG5

Clamp

125

Each

58.0000

2

2

**

14-4-1

DAS 26 9-89

Location

Loc Qty

Loc Code

ST321

58

m127831

33

m128401

25

DAS 31 9-89

2x

DAS 31 9-89

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Shop Packet Print

Page 5

Picklist Print

March-31-14 11:41:51 AM

Work Order ID: 105577

105577

Parent Item: D206-558-041

D206-558-041

Parent Item Name: Single Mirror Installation

Start Date: 8/08/13

Required Date: 8/08/13

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-18

Purchased

No

MS27039-1-18

Screw

110

Each

2,033.000

2

2

**

DAS

36

9-89

14/03/21

Location

Loc Qty

Loc Code

GA

92

123522

92

ST506

1941

124326

1941

125

Each

19.0000

1

1

**

DAS

26

9-89

14-4-1

MS35489-9

Purchased

No

MS35489-9

Grommet

Location

Loc Qty

Loc Code

ST289A

19

107376

19

DAS

31

9-89

1/x

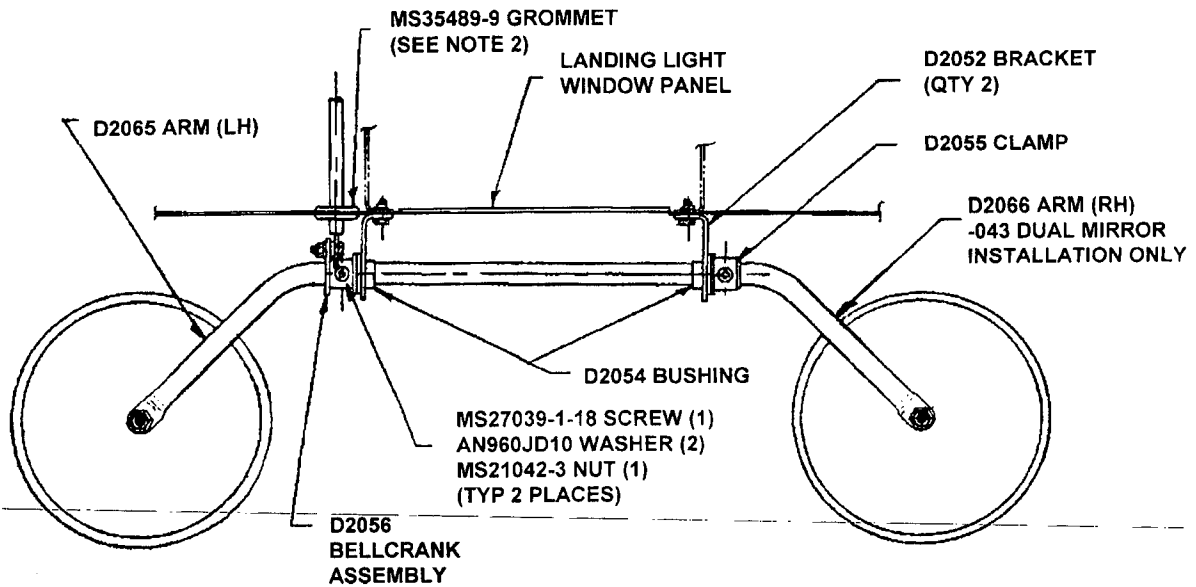


Figure 25.2 – View A: Looking Aft.
(D206-558-043 Mirror Shown)

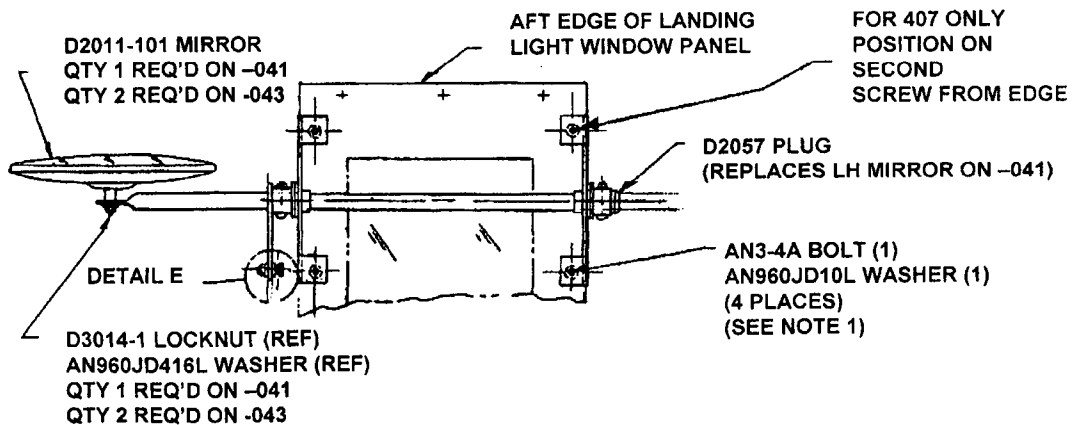


Figure 25.3 – View C: Looking Down on Mirror Installation
(D206-558-041 Mirror Shown)

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25-00-00

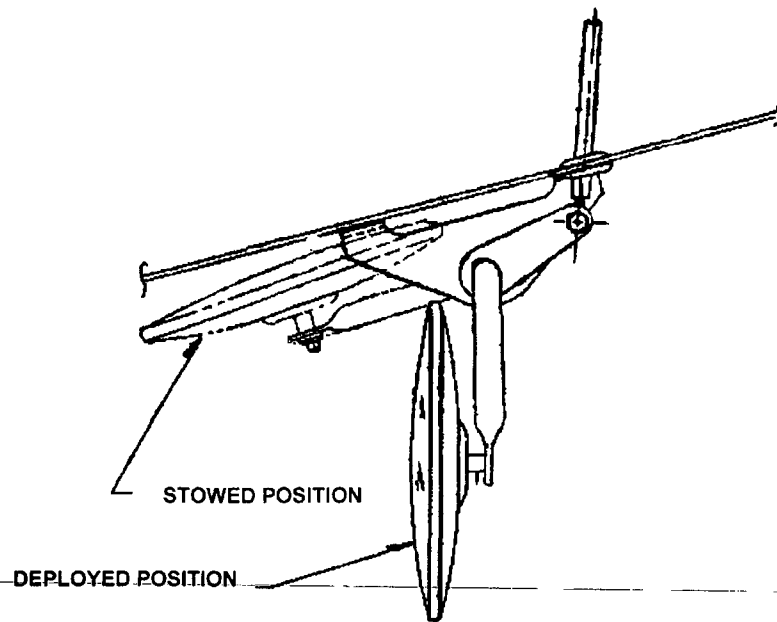


Figure 25.4 – Detail D: Looking from Side on Mirror Installation
(D206-558-041/-043 Mirror Shown)

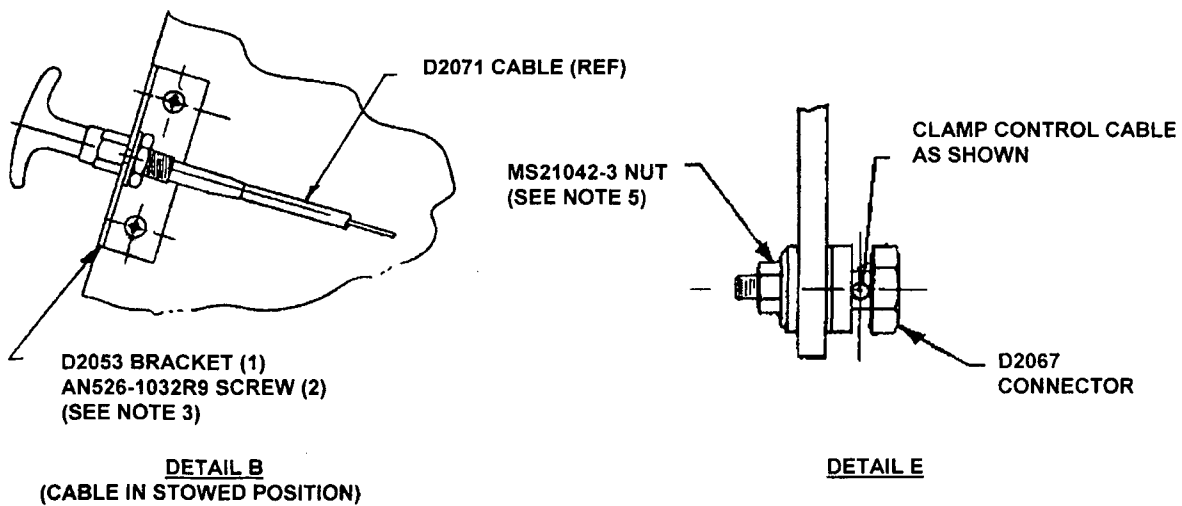


Figure 25.5 – Details B and E on Mirror Installation
(D206-558-041/-043 Mirror Shown)

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REFERENCE ONLY

FROM THIS POINT FORWARD, CUSTOMERS SHOULD ORDER D407-558-045/-047 IN LIEU OF D206-558-041/-043 WHEN PROCURING SINGLE/DUAL MIRRORS FOR BHT 407 MODELS. AMEND SECTIONS 4.0 AND 5.0 OF INSTALLATION INSTRUCTIONS D206-558 REV. C OR EARLIER AND 25.3 AND 25.4 OF ICA-D206-558 REV. 0 AS FOLLOWS:

4.0 WEIGHT AND BALANCE (D206-558 REV. C OR EARLIER)**25.3 WEIGHT AND BALANCE (ICA-D206-558 REV. 0)**

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 206A/B/L/L1/L3/L4	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D206-558-043	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 206A/B/L/L1/L3/L4	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg
D407-558-045	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 407	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D407-558-047	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 407	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg

5.0 PARTS LIST (D206-558 REV. C OR EARLIER)**25.4 PARTS LIST (ICA-D206-558 REV. 0)**

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X			D206-558-043	DUAL CARGO MIRROR ASSEMBLY
		X		D407-558-045	SINGLE CARGO MIRROR ASSEMBLY
			X	D407-558-047	DUAL CARGO MIRROR ASSEMBLY
1	2	1	2	D2011-101	MIRROR ASSEMBLY
2	2	2	2	D2052	BRACKET
1	1	1	1	D2053	BRACKET
2	2	2	2	D2054	BUSHING
1	1	1	1	D2055	CLAMP
1	1	1	1	D2056	BELLCRANK ASSEMBLY
1		1		D2057	PLUG
1		1		D2065	ARM
	1		1	D2066	ARM
1	1	1	1	D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	1	D2071-3	CABLE ASSEMBLY
1	2	1	2	D3014-1	* LOCKNUT
1	1	1	1	D3778-1	BRACKET
4	4	4	4	AN3-4A	BOLT
4	4	4	4	AN526-1032R9	SCREW
1	2	1	2	AN960JD416L	* WASHER
4	4	4	4	AN960JD10	WASHER
6	6	6	6	AN960JD10L	WASHER
3	3	3	3	MS21042-3	NUT (or MS21042L3)
2	2	2	2	MS21919DG57	CLAMP
2	2	2	2	MS27039-1-18	SCREW
1	1			MS35489-9	GROMMET
		1	1	MS35489-67	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY:

D. SHEPHERD (DE # 02)

DATE: 08.12.04

CERT. NO.: SH92-17

ISSUE NO.: 7

DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. REV. A
MFG. APPR.		DSI 9436 SHEET 2 OF 2
APPROVED		TITLE SCALE
DE APPR.		CABLE CHANGE NTS
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REPRINT

Work Order ID 105577

March-31-14 11:41:52 AM

105577

Page 1

Item ID: D206-558-041

Revision ID:

Item Name: Single Mirror Installation

Start Date: 8/08/13 Start Qty: 1.00

Required Date: 8/08/13 Req'd Qty: 1.00

Reference:

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Customer:

Approvals: Process Plan: u Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								

IIN D206-558 Rev C

SP

100

100

DC

Doc.Control -USB or Paperwork

DOCUMENT CONTROL

Memo

Photocopy bluefile and type labels as per PPP D206-558-041 DSI 9436
CHG009

0.00

0.00

MCS 1401-04

110

110

Small Fab

Small Fab

Small Fab

Memo

Assemble as per Dwg D206-558
PAGE 10 IN BLUE FILE

0.00

0.00

1X 14/03/13

DAS

36

9-85

120

120

QC

Quality Control

QCS- Inspect part completeness to step on W/O

Memo

0.00

0.00

14/3/13

1